will either download or upload data to or from the INS memory 100 depending on the instructions received at the telemetry block 80. The INS memory 100 includes memory sufficient for operation of the INS 5 and storage of all therapy programs. Those skilled in the art will appreciate that the INS memory 100 includes memory such as volatile Random Access Memory (RAM) such as Static RAM, nonvolatile Read Only Memory (ROM), and Electrically Erasable Programmable Read Only Memory (EEPROM) such as Flash EEPROM, as well as other suitable INS memory 100. Once the personalized therapy programs have been downloaded, upon instructions by the patient programmer 50, the INS controller 90 will be able to execute both the preset clinician therapy programs and the personalized therapy programs. --

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IN THE CLAIMS

Please amend claim 1 as follows:

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1. (Amended) In a patient programmer, a method for patient-directed therapy management for a medical device comprised of:

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accessing at least two preset clinician therapy programs stored in the medical device;

creating at least one personalized therapy program from the accessed preset clinician therapy programs;

storing the personalized therapy program in the medical device; and

executing at least one personalized therapy program.

Please amend claim 9 as follows:

9. (Amended) In a patient programmer, a method for patient-directed therapy management for a medical device comprised of:

accessing at least one preset clinician therapy program stored in the medical device;

creating at least one personalized therapy program from the accessed preset clinician therapy program, the personalized therapy program comprises at least one personalized therapy setting;

storing the personalized therapy program in the medical device;

executing at least one personalized therapy program; and

wherein the medical device is selected from the group consisting of a pacemaker, a defibrillator, a cochlear implant, an implantable diagnostic device, and an implantable pump.

Please amend claim 10 as follows:

10. (Amended) A patient directed therapy management system comprising in combination:

a medical device comprising a telemetry block and memory with at least two preset clinician therapy programs; and

a patient programmer comprising a telemetry block, the patient programmer able to create at least one personalized therapy program from the at least two preset clinician therapy programs, the patient programmer further able to store and execute the at least one personalized therapy program in the medical device.

Please amend claim 15 as follows:

15. (Amended) The patient directed therapy management system of claim 13 or 14 wherein the patient uses a graphical display screen and input medium to create and store the personalized therapy programs.

Please amend claim 19 as follows:

19. (Amended) A patient directed therapy management system comprising in combination:

a medical device comprising a telemetry block and memory with at least one preset clinician therapy program;

a patient programmer comprising a telemetry block, the patient programmer able to allow creation of at least one personalized therapy program, and storage and execution of the at least one personalized therapy program in the medical device, wherein the personalized therapy program comprises at least one personalized therapy setting; and

wherein the medical device is selected from the group consisting of a pacemaker, a defibrillator, a cochlear implant, an implantable diagnostic device, and an implantable pump.

Please amend claim 20 as follows:

20. (Amended) A patient programmer for patient directed therapy management comprising in combination:

an input medium;

a telemetry block; and

a controller able to create at least one personalized therapy program from at least two preset clinician therapy programs, the controller able to store the at least one personalized therapy program in a medical device.

Please amend claim 23 as follows:

23. (Amended) The patient programmer of claim 21 wherein the personalized therapy program executed by the patient programmer comprises a personalized therapy algorithm.

Please amend claim 24 as follows:

24. (Amended) The patient programmer of claim 21 wherein the personalized therapy program comprises a timing algorithm.

Please amend claim 29 as follows:

29. (Amended) A patient programmer for patient directed therapy management comprising in combination:

an input medium;

a telemetry block;

a controller able to create at least one personalized therapy program and store the at least one personalized therapy program in a medical device, the personalized therapy program comprising at least one personalized therapy setting; and

wherein the medical device is a medical device selected from the group consisting of a pacemaker, defibrillator, a cochlear implant, an implantable diagnostic devices, and

an implantable pump.

Please amend claim 30 as follows:

30. (Amended) A patient programmer comprising:

an input medium;

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a programming means, connected to the input medium, for creating at least one personalized therapy program from at least two preset clinician therapy programs; and

a communication means, connected to the programming means, for storing and executing at least one personalized therapy program in a medical device.

Please amend claim 31 as follows:

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31. (Amended) A patient programmer for patient directed therapy management comprising in combination:

an input medium for receiving a plurality of personalized therapy settings from a patient, wherein each personal therapy setting provide settings for a plurality of parameters of a therapy program selected from the group consisting of an amplitude, a pulse rate, a pulse width, a pulse frequency, an electrode polarity, and a directional sequence;

a telemetry block; and

a controller able to create a personalized therapy program for each personalized therapy setting received from the patient and cause the personalized therapy programs to be stored in a medical device via the telemetry block, wherein the patient can subsequently instruct the medical device via the patient programmer to provide therapy to